

ABSTRACT OF THE INVENTION

The present invention relates to a system and methodology facilitating automation security in a networked-based industrial controller environment. Various components, systems and methodologies are provided to facilitate varying levels of automation security depending on one or more security models, system capabilities, and/or other factors such as risk and cost-based assessments, for example. The security models can include asset and access based models having respective security attributes that describe the type of automation component to be accessed and the type of access permitted within the automation component such as a read and/or write access. Other type attributes include time and location information that further control outside network access to automation components.